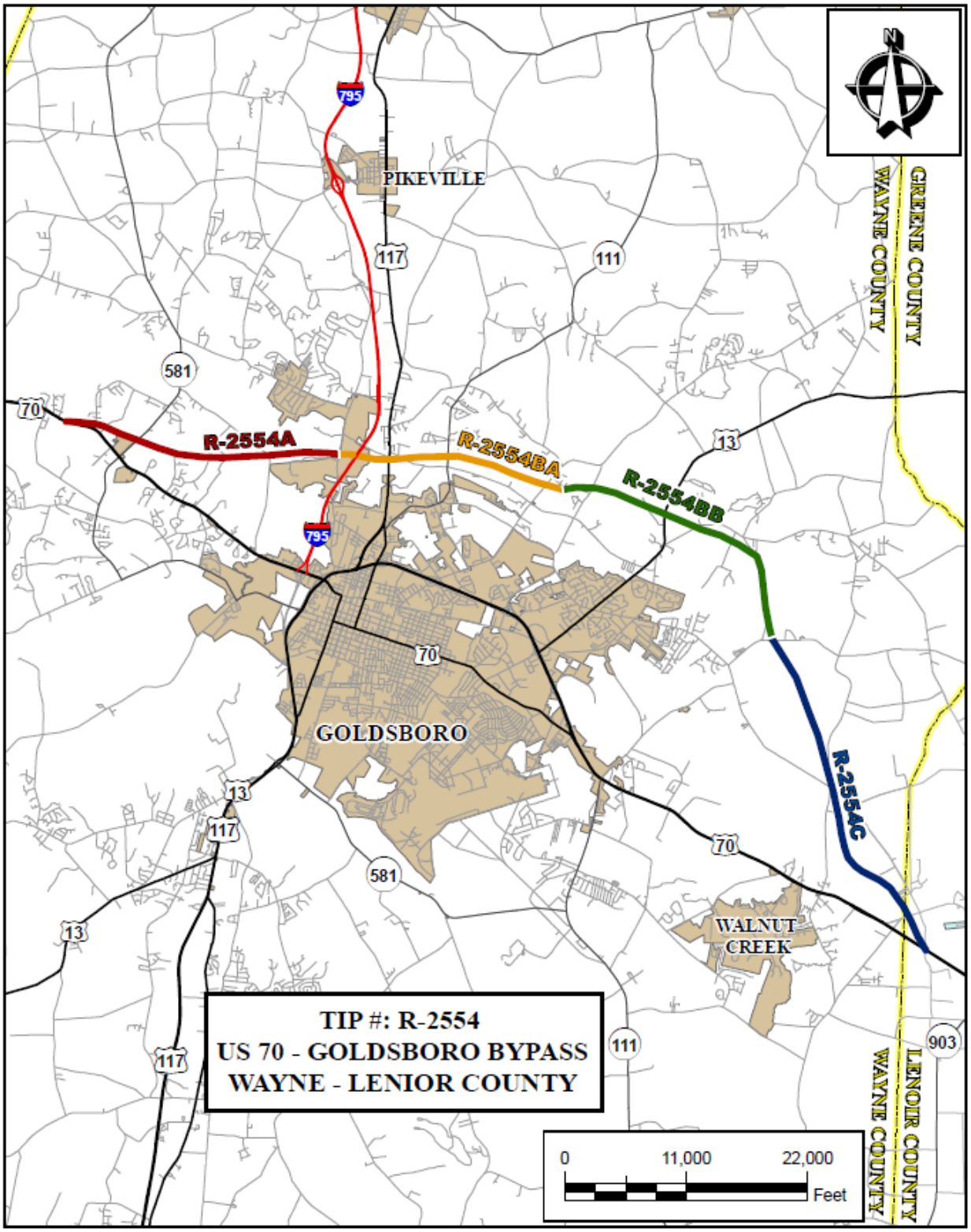
NC Board of Transportation
US 70 Workgroup

September 3, 2015

NCDOT

Bypasses
Corridor Upgrades
Feasibility Studies


TIP #: R-2554
US 70 - GOLDSBORO BYPASS
WAYNE - LENIOR COUNTY
R-2554A
R-2554BA
R-2554BB
R-2554C
PIKEVILLE
GOLDSBORO
WALNUT CREEK
WAYNE COUNTY
GREENE COUNTY
LENOIR COUNTY
795
117
111
581
70
13
903
0
11,000
22,000
Feet

US 70 Bypasses

Goldsboro Bypass (R-2554)

Funding Status:

Part complete, remaining segments under construction.

Schedule:

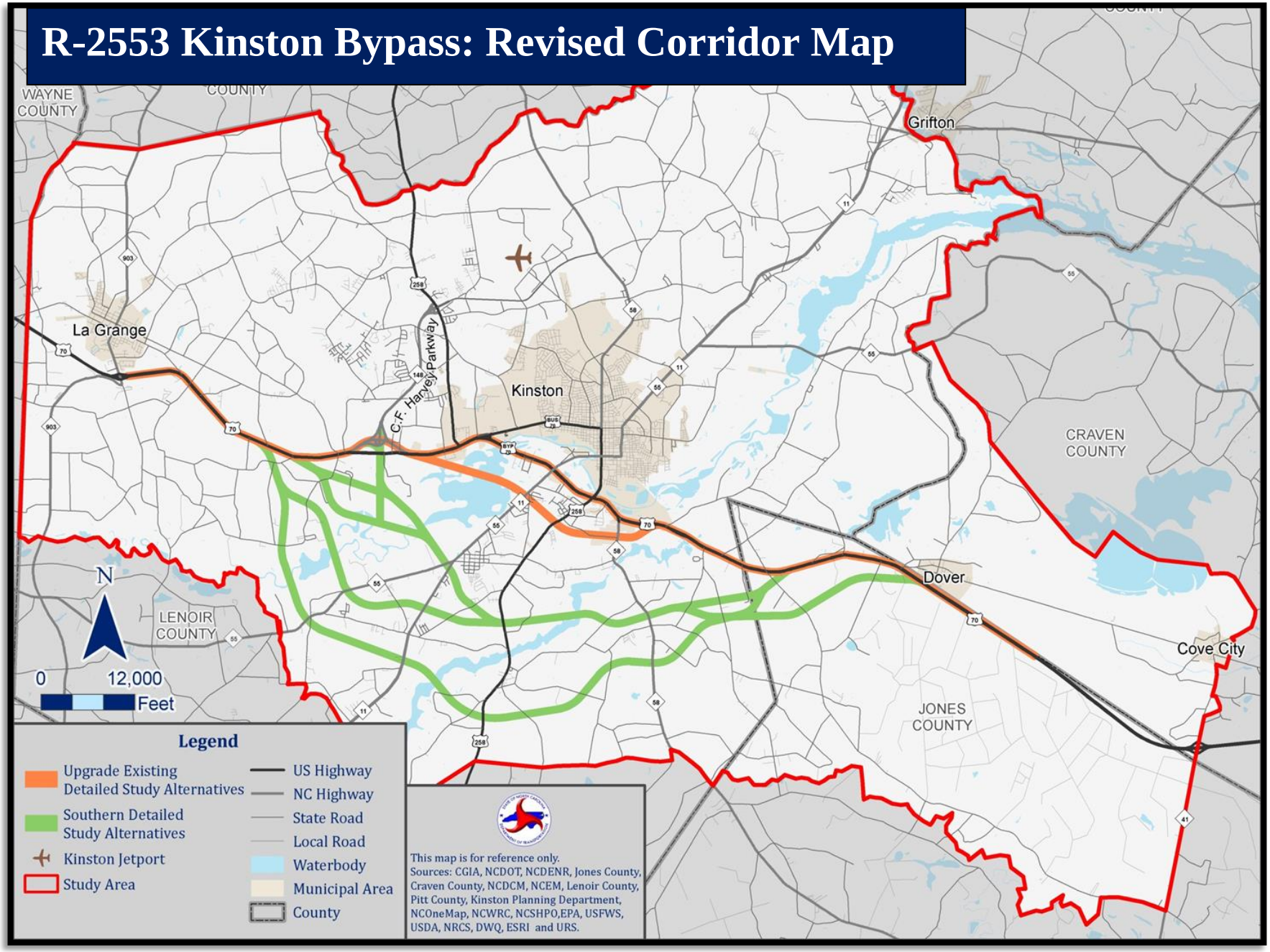
- Record of Decision Approved – August 1998
- Section A
  - Project let to construction June 2012
  - Estimated Completion Sept. 2015
- Section BA
  - Opened to traffic Dec. 16, 2011
- Sections BB & C
  - Design-build let accomplished January 2012
  - Estimated Completion June 2016

Activities Underway

Section A: Construction is underway (94% complete).
Sections BB & C: Construction is underway (75% complete).

Project Manager: Brandon Herring, PE, (919) 934-5863, blherring@ncdot.gov

R-2553 Kinston Bypass: Revised Corridor Map



Kinston Bypass (R-2553)

Funding Status:

Unfunded in 2016-2025 STIP.

Schedule:

- Start-of-Study Letter – May 29, 2009
- Purpose & Need (CP1) Concurrence Achieved – October 13, 2010
- Detailed Study Alternatives (CP2) Concurrence Achieved – November 17, 2011
- Citizens Informational Workshop #3 – May 15 & May 17, 2012
- Traffic Forecast Completed – July 25, 2012
- Field verification of modeled wetlands – 2012
- Environmental Studies for historic resources, natural resources, and community impacts – 2012 through 2016
- Capacity Analysis – late 2013
- CP2 Concurrence (revisited) – January 16, 2014
- Bridging Decisions (CP2A) – April 17, 2014
- Draft Environmental Impact Statement - * early 2016
- Corridor Design Public Hearing – *
- Corridor Selection (CP3) – *
- Delineation of wetlands and streams – *
- Avoidance and Minimization (CP4A) – *
- Final Environmental Impact Statement – *
- State Record of Decision – *
- Right of Way acquisition – unfunded
- Construction – unfunded

Activities Underway/Completed

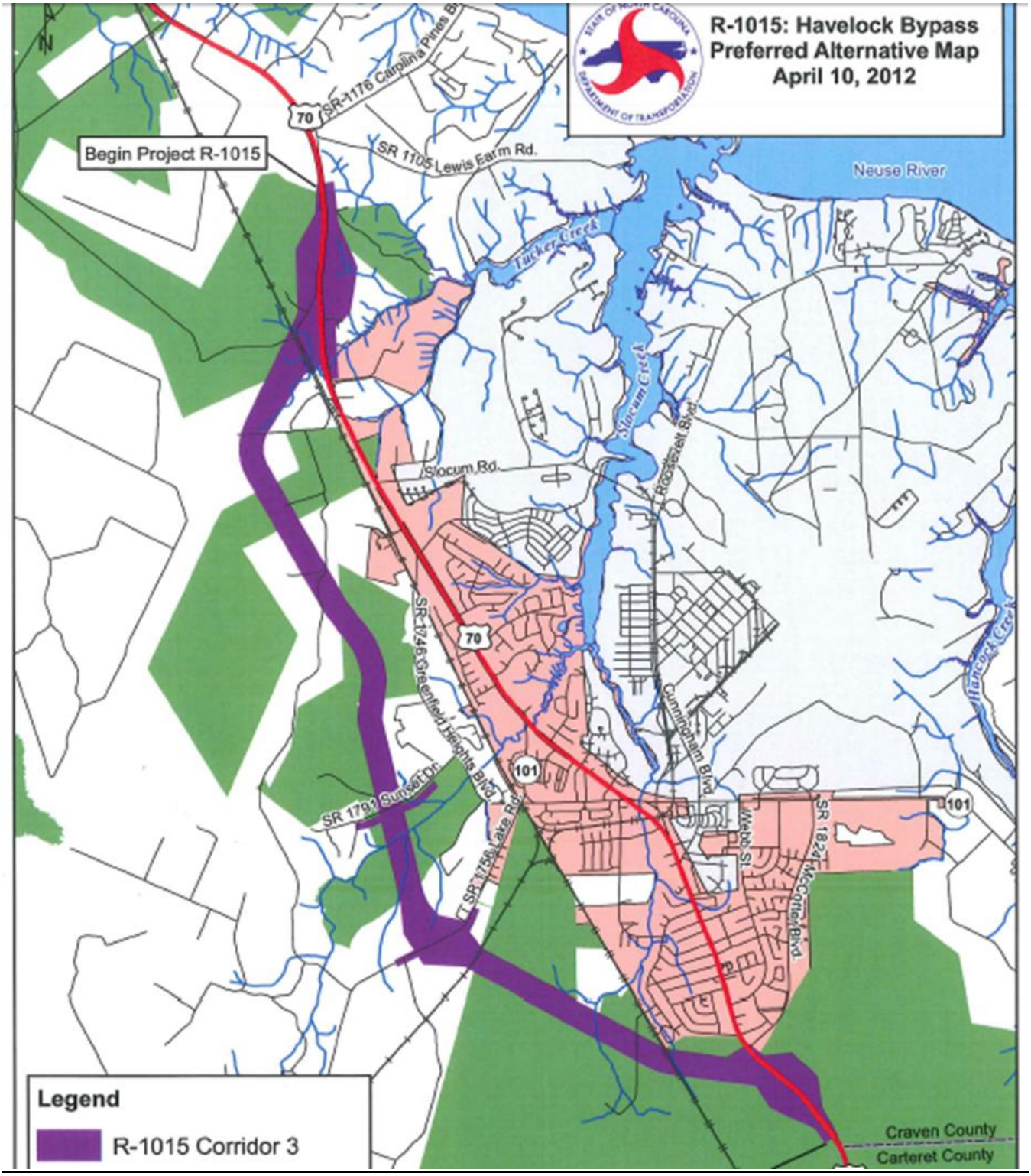
- Environmental Studies for Detailed Study Alternatives.
- Functional Designs for Detailed Study Alternatives are completed.
- Preliminary Noise Analysis is completed.
- Public Meeting(s) #4 – were held August 26th & 28, 2014.
- Local Officials Meeting #6 was held August 26, 2014.
- Land Use Scenario Assessment was finalized in August 2015
- Estimates completed: Utilities, Construction, ITS, relocation impacts.
- Draft Economic Impact Assessment is being revised by AECOM per NCDOT comments. Traffic Forecast underway (detailed traffic forecasts for all alternatives). Right of way cost estimate underway – completion Fall 2015.
- Draft EIS now being assembled & written, expect 1st rough draft in early 2016.
- NCDOT-PDEA and FHWA are currently working on "lessons learned" for the GIS Pilot project & devising the best means for bringing that study to a close.

Upcoming Actions

- Rough draft of Draft EIS to be completed early 2016

Project Manager: Brian Yamamoto, P.E., (919) 707-6051, byamamoto@ncdot.gov
Bob Deaton, (919) 707-6017, rdeaton@ncdot.gov

**Notes: Kinston Bypass is unfunded in the 2016-2025 STIP. Further project development activities will be scheduled once the project receives funding.*


R-1015: Havelock Bypass
Preferred Alternative Map
April 10, 2012
Begin Project R-1015
SR-1176 Carolina Pines Blvd
SR 1105 Lewis Farm Rd.
Neuse River
Tucker Creek
Slocum Creek
Slocum Rd.
Roosevelt Blvd.
SR-1746 Greenfield Heights Blvd.
SR 1791 Sunset Dr.
SR 1758 Lake Rd.
Cunningham Blvd.
Webb St.
SR 1824 McCotter Blvd.
Hancock Creek
70
101
Legend
R-1015 Corridor 3
Craven County
Carteret County

Havelock Bypass (R-1015)

Funding Status:

All segments funded for both right of way and construction in 2016-2025 STIP .

Schedule:

- Draft Environmental Impact Statement – approved Sept. 2011
- Corridor Public Hearing – December 6, 2011
- Conducted Post Hearing Meeting – Feb. 2012
- Concurrence Point 3 Meeting (Corridor Selection Revisited) – Concurrence Achieved on April 10, 2012
- Concurrence Point 2A (Bridging Decisions Revisited) – Concurrence Achieved on July 9, 2012
- Environmental Studies Updates – 2012 - 2015
- Concurrence Point 4A (Avoidance & Minimization) – August 2014
- Final Environmental Impact Statement Approval (FHWA)–(estimated)Sept.2015
- Record of Decision – (estimated) early 2016
- Right of Way acquisition – FY 2016
- Construction – FY 2018

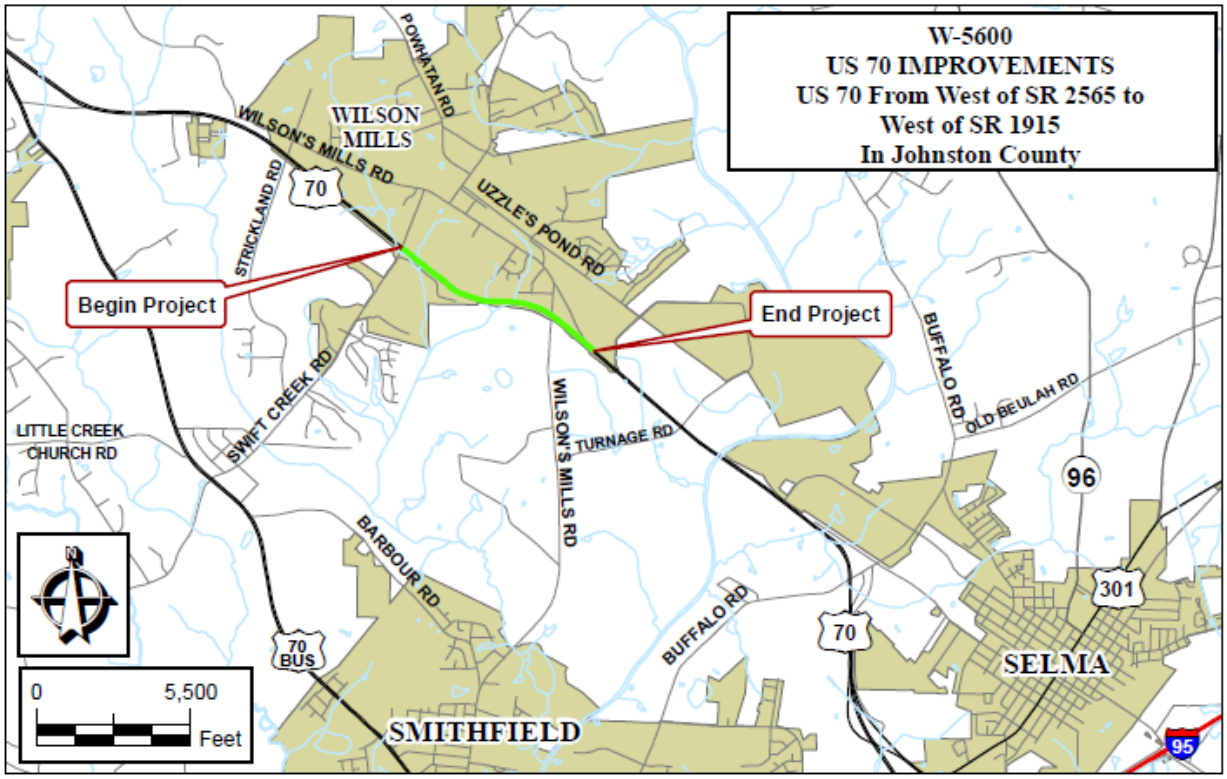
Activities Underway/Completed

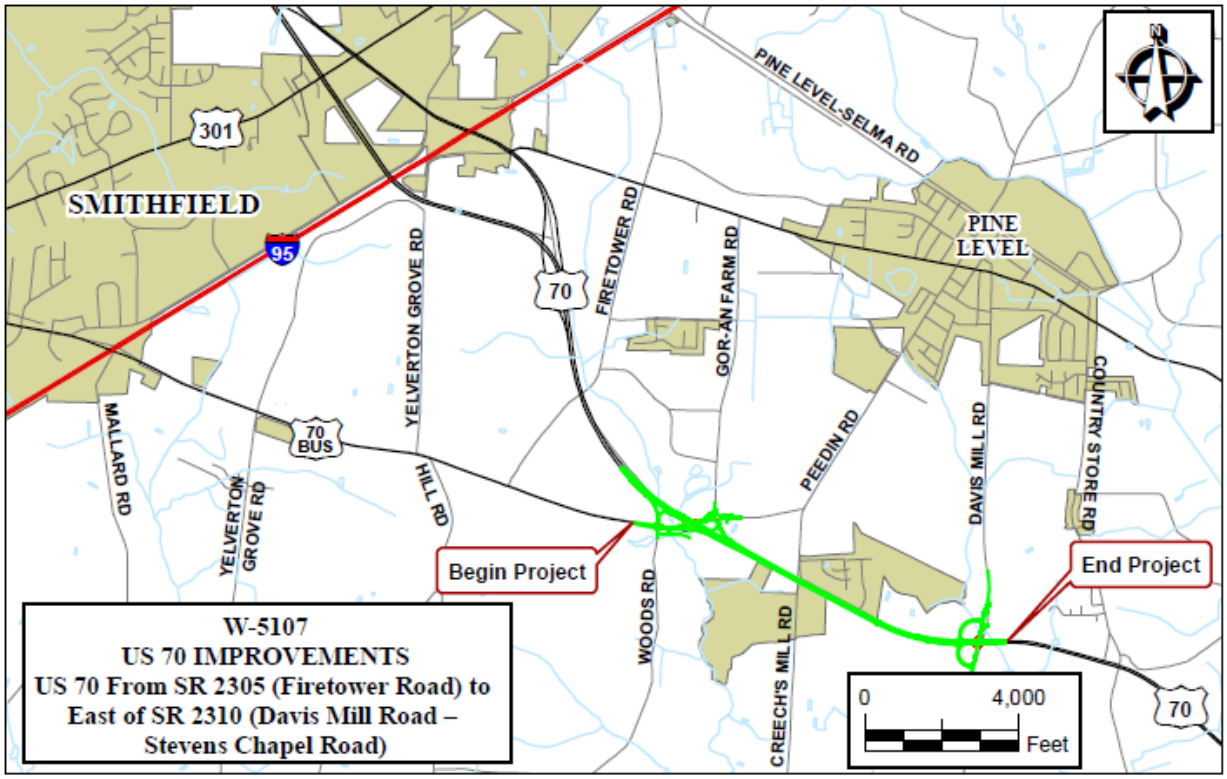
- Successful CP4A & 4B merger meetings (avoid and minimize)
- Forest Service requirements for NCDOT's highway easement have been further coordinated.
  - November 2014: NCDOT letter to USFS concluding that NCDOT has performed all requested/required studies, and that the combination of analysis results and mitigation offered makes USFS whole.
  - Jan. 28, 2015 and May 29, 2015 US Forest Service responses.
- Coordinating a MOU that establishes parameters of USFS management of Croatan Wetland Mitigation Bank once it is transferred to them.
- Awaiting final FHWA reviews/approval of Final EIS
- May 6, 2015 meeting with FHWA and US Forest Service resulting in USFS agreement that comments have been addressed.
- Design public meeting conducted August 31, 2015.
- At FHWA's request, conducted travel time sensitivity analysis to provide more context for the traffic forecast information presented in the FEIS. A draft summary of this study was submitted to FHWA August 20, 2015.

Upcoming Actions

- Negotiate the MOU for CWMB management by USFS.
- Receive additional comments from design public meeting - public comment period closes Sept. 28, 2015.
- NCDOT project team review of public meeting comments.
- Prepare a draft Record of Decision (ROD).
- Resolve comments from US Forest Service regarding effects to long leaf pine.
- Meet with US Forest Service to define prescribed burn procedural details.

Project Manager: John Conforti, REM, (919) 707-6015, jgconforti@ncdot.gov


W-5600
US 70 IMPROVEMENTS
US 70 From West of SR 2565 to
West of SR 1915
In Johnston County
WILSON MILLS
POWHATAN RD
WILSON'S MILLS RD
70
STRICKLAND RD
UZZLE'S POND RD
Begin Project
End Project
BUFFALO RD
OLD BEULAH RD
SWIFT CREEK RD
LITTLE CREEK CHURCH RD
WILSON'S MILLS RD
TURNAGE RD
96
BARBOUR RD
BUFFALO RD
301
70
70 BUS
SELMA
SMITHFIELD
95
0
5,500
Feet


PINE LEVEL-SELMA RD
301
SMITHFIELD
95
PINE LEVEL
YELVERTON GROVE RD
70
FIRETOWER RD
GOR-AN FARM RD
COUNTRY STORE RD
MALLARD RD
70 BUS
HILL RD
PEEDIN RD
DAVIS MILL RD
YELVERTON GROVE RD
Begin Project
End Project
WOODS RD
CREECH'S MILL RD
W-5107
US 70 IMPROVEMENTS
US 70 From SR 2305 (Firetower Road) to
East of SR 2310 (Davis Mill Road –
Stevens Chapel Road)
0
4,000
Feet
70

US 70 Corridor Upgrades

US 70 Improvements near Wilson's Mills, Johnston County, W-5600

Upgrade of two intersections to interchanges.

Funding Status:

Right of way acquisition and construction funded in 2016-2025 STIP.

Schedule:

- Project Scoping Meeting – Held July 2012
- Categorical Exclusion – February 2016
- Right of Way Acquisition – FY 2018
- Construction – FY 2020

Activities Underway

- Finalizing preliminary designs (expect to be completed in Sept. 2015)

Upcoming Actions

- NCDOT review/approval of prelim. designs (2nd submittal currently being reviewed)
- Preparation of cost estimates
- NEPA/404 merger team meeting to discuss bridging decisions (Concurrence Point 2A) – fall 2015
- Public meeting – fall 2015
- Environmental document preparation (CE expected to be completed February 2016)

Project Managers: Jay McInnis, PE (919) 707-6029, jmcinnis@ncdot.gov;
Kim Gillespie, PE (919) 707-6023, klgillespie@ncdot.gov

US 70 Improvements near Pine Level, Johnston County, W-5107

Median cross-over closures and upgrades of two intersections to interchanges.

Funding Status:

Fully funded in 2016-2025 STIP

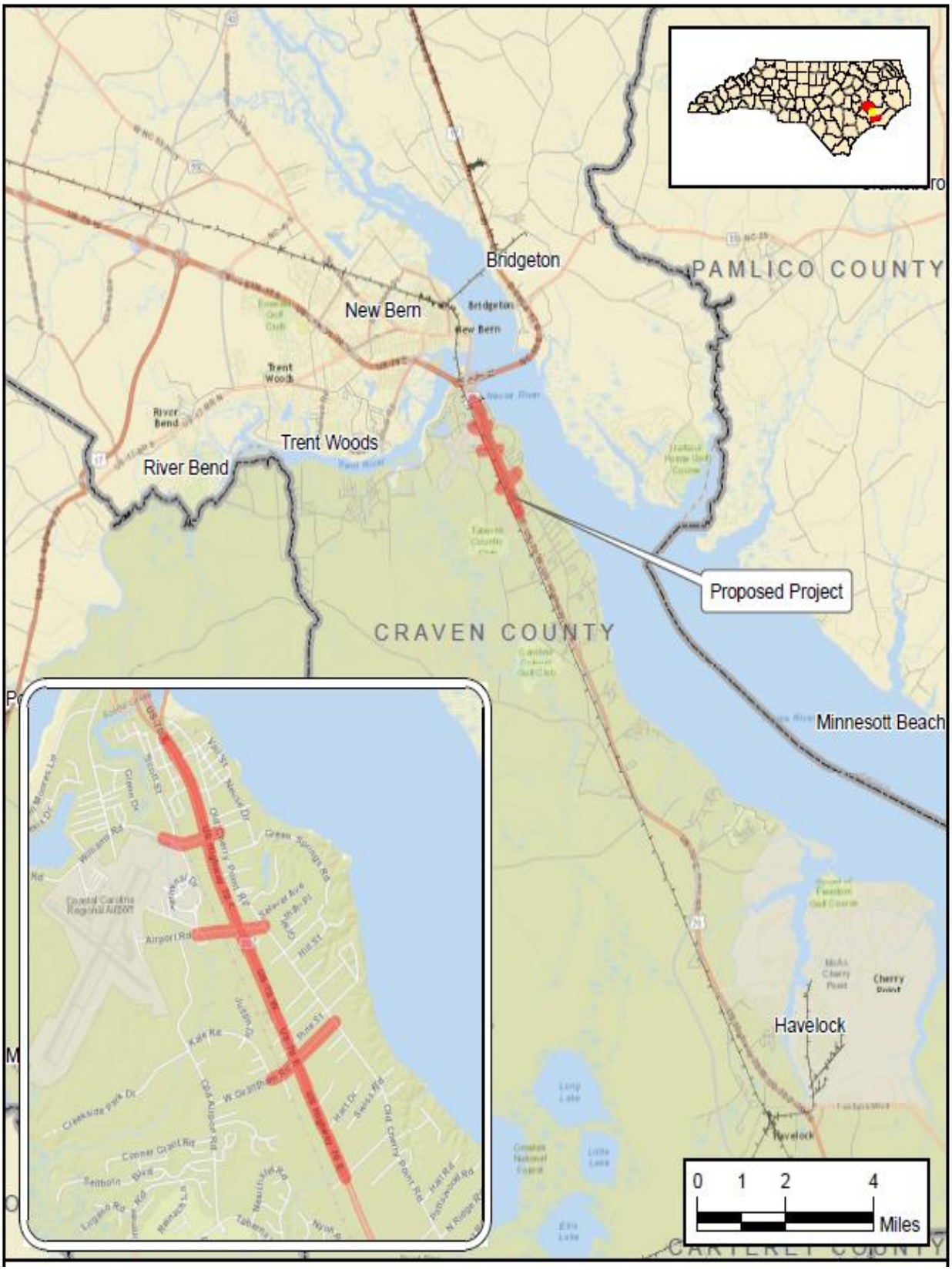
Schedule:

- Categorical Exclusion Document – Approved February 2012
- Construction – Project let to construction February 2015
  - Estimated Completion January 2018

Activities Underway

- Construction is underway (10% complete).

Project Manager: Bobby Liverman, PE (252) 459-2129, blliverman@ncdot.gov



US 70 Improvements in James City, Craven County, U-5713

US 70 Improvements in James City, Craven County, U-5713

Upgrade US 70 to freeway standards.

Funding Status:

Fully funded in 2016-2025 STIP

Schedule:

- Feasibility Studies prepared – 2010, 2012, 2014
- Environmental Assessment – FY 2018
- FONSI – FY 2019
- Design/Build – FY 2021

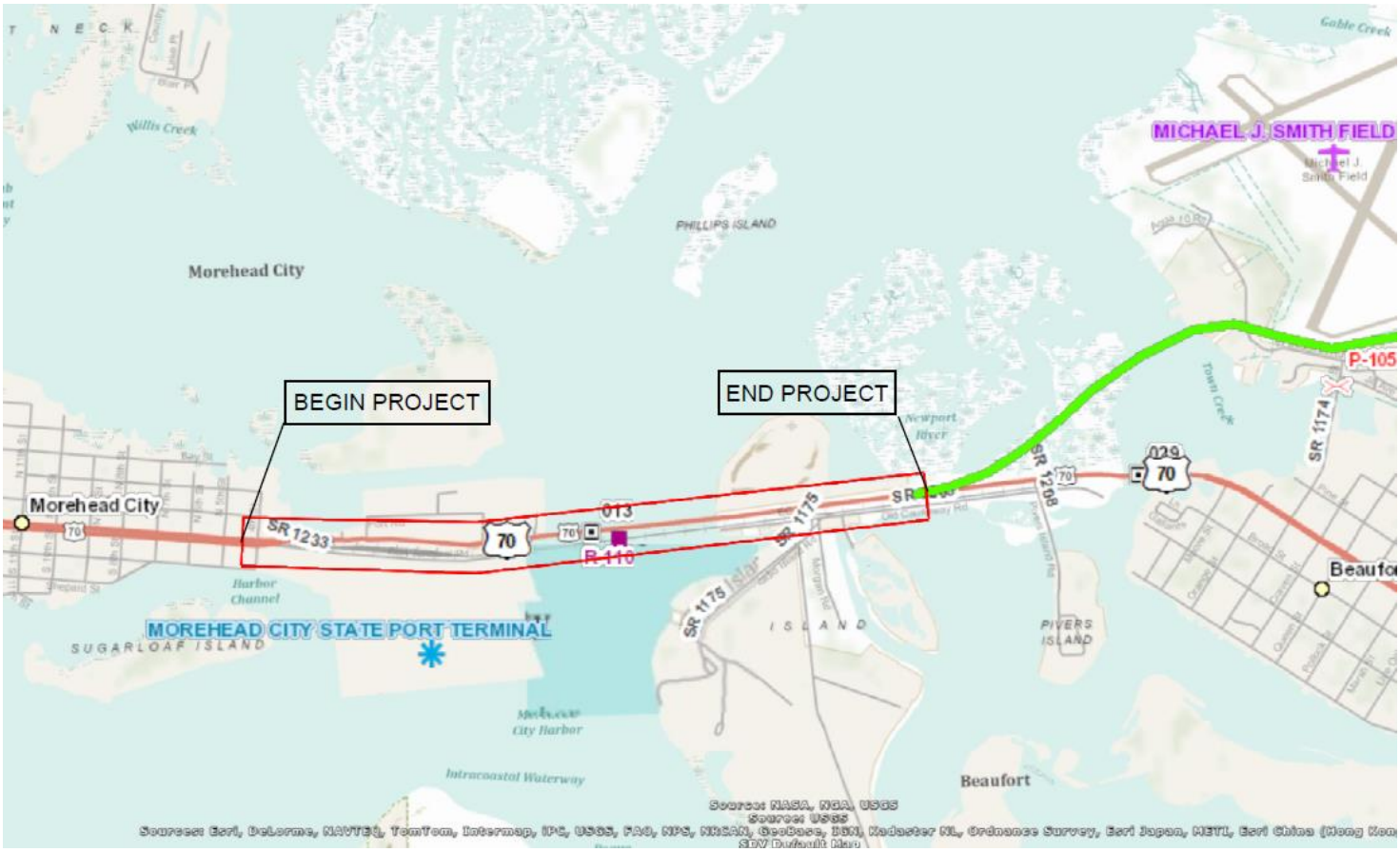
Activities Underway/Completed

- Internal scoping meeting held Jan 28, 2015.
- Presentation to the US 70 Corridor Commission May 21, 2015.
- Individual interviews with citizens and businesses held Aug 2015.

Upcoming Actions

- Focus groups meetings will be held in Sept 2015.
- Public meetings will be held in Oct 2015.
- Environmental surveys are underway.

Project Managers: Charles R. Cox, PE (919) 707-6016, ccox@ncdot.gov
Gary Lovering, P.E., (919) 707-6271, glovering@ncdot.gov



U-5740 (Newport River Bridge) Project Study Area

US 70 Improvements in Morehead City (including the Widening of Newport River Bridge), Carteret County, U-5740

Widen US 70 and widen/upgrade bridge.

Funding Status:

Fully funded in 2016-2025 STIP

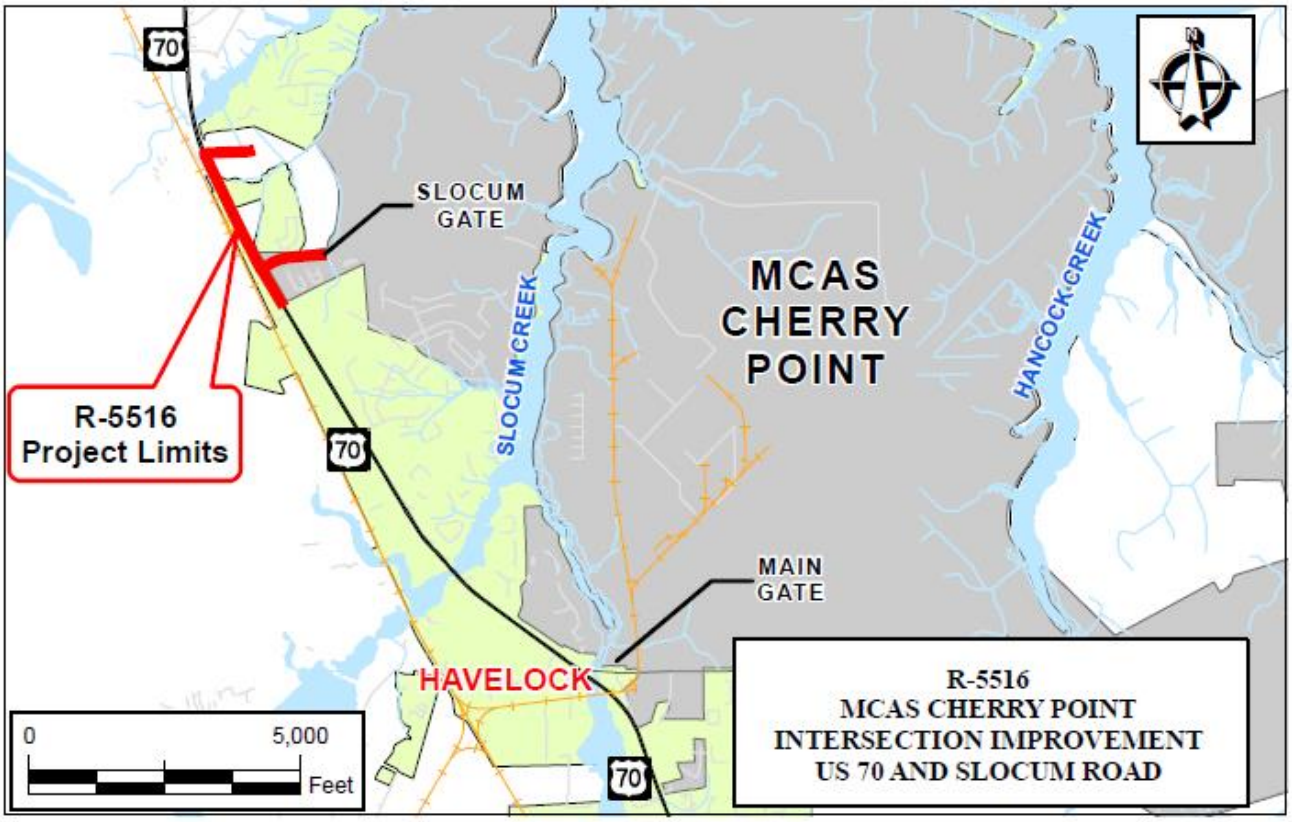
Schedule:

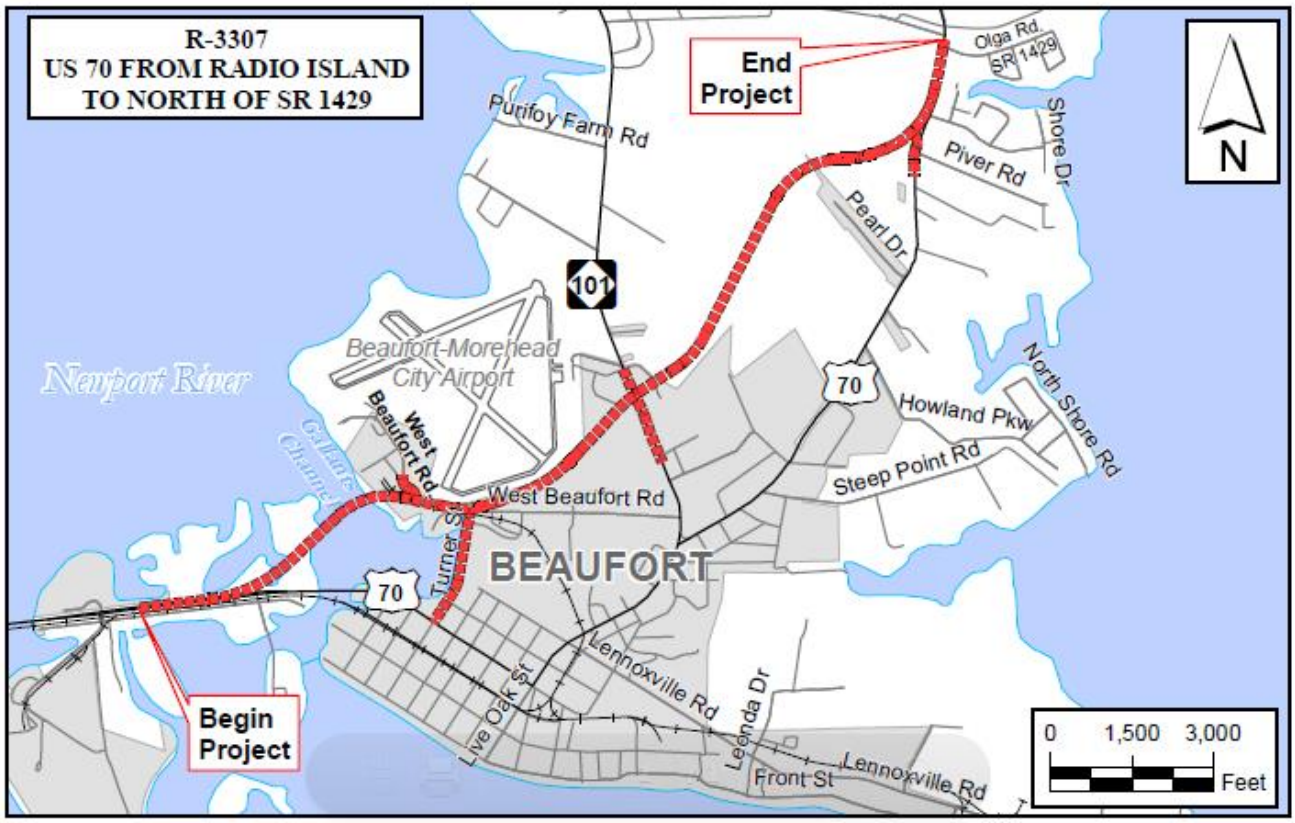
- Environmental Assessment – FY 2020
- FONSI – FY 2021
- Right of Way Acquisition – FY 2022
- Construction – FY 2024

Upcoming Actions

- NEPA study to begin in early 2016.

Project Managers: Charles R. Cox, PE (919) 707-6016, ccox@ncdot.gov
Gary Lovering, P.E., (919) 707-6271, glovering@ncdot.gov


70
SLOCUM GATE
MCAS CHERRY POINT
SLOCUM CREEK
HANCOCK CREEK
R-5516 Project Limits
70
MAIN GATE
HAVELOCK
70
0
5,000
Feet
R-5516
MCAS CHERRY POINT
INTERSECTION IMPROVEMENT
US 70 AND SLOCUM ROAD


R-3307
US 70 FROM RADIO ISLAND
TO NORTH OF SR 1429
End Project
Olga Rd
SR 1429
Purifoy Farm Rd
Piver Rd
Shore Dr
Pearl Dr
N
101
Beaufort-Morehead City Airport
Newport River
West Beaufort Rd
70
Howland Pkw
North Shore Rd
Steep Point Rd
West Beaufort Rd
Turner St
BEAUFORT
70
Lennoxville Rd
Leonda Dr
Live Oak St
Begin Project
Front St
Lennoxville Rd
0
1,500
3,000
Feet

Slocum Gate Improvements (MCAS Cherry Point, Havelock), Craven County, R-5516

Construction of flyover on existing US 70 at Slocum Gate.

Funding Status:

Fully funded in Draft 2016-2025 STIP for ROW and LET.

Schedule:

- Feasibility Study prepared by Dept. of Defense – completed 2009
- Categorical Exclusion – completed December 2013
- Right of Way Acquisition – FY 2015
- Construction – FY 2017

Activities Underway/Completed

- Scoping Meeting held – February, 2012
- Citizens Informational Workshop and Public Officials meeting held – June 26, 2012 and June 25, 2013
- Traffic Forecast completed – February 2013
- Preliminary Design updated – November 2013
- Categorical Exclusion Environmental Document – approved December 2013

Upcoming Actions

- Right of way acquisition is underway (began June 2015).

Project Managers: Charles R. Cox, PE, (919) 707-6016, ccox@ncdot.gov
Gary Lovering, P.E., (919) 707-6271, glovering@ncdot.gov

US 70 Improvements in Beaufort (including Gallants Channel Bridge Replacement), Carteret County, R-3307

Funding Status:

Under construction.

Schedule:

- Environmental Assessment – approved Oct. 2004
- Finding of No Significant Impact – approved Sept. 2006
- Right of Way Acquisition – complete
- Project Let – January 2014
- Estimated completion – late 2016

Activities Completed

- Vessel surveys completed – 2012 and 2013
- Marine Assessment Report completed – August 2013
- Coast Guard Permit approved – December 2013
- Project letting – January 2014
- Project under construction (Conti Enterprise Inc., contractor)

Upcoming Actions

- Grading for entire project is mostly complete.
- Bridge construction in progress; piles being driven; placement of girders across Gallants Channel is scheduled for September.
- Retaining wall and noise walls are being constructed.
- Turner Street bridge construction is underway.

Project Manager: Brad McMannen, PE, (252) 514-4759, bmcmannen@ncdot.gov

Feasibility Studies

Unfunded projects with a study to determine scope and general cost.

COMPLETED:

Kinston

Conversion of existing US 70 intersection at NC 11/55 (Skinners Bypass) to an interchange

Feasibility Study completed March 2010 (US 70 Corridor Commission)

Kinston

CF Harvey Parkway Extension from NC 58 to NC 11

Feasibility Study completed Dec. 2012 (memo format).

US 70 in James City

Upgrade along exiting US 70 corridor

Feasibility Study completed January, 2012 (NCDOT part of James City to Havelock study below), (US 70 Corridor Commission Study – March 2010)

James City to Havelock Bypass

Near term and long term US 70 corridor improvements

Feasibility Study completed January, 2012.

Northern Carteret Bypass, R-4431

New location freeway

Feasibility Study completed September 2, 2009 (Memo Update), July 22, 2009 (Feasibility Study Report).

US 70 from New Bern to Proposed Havelock Bypass

Construct freeway on New Location in Craven County Report complete Oct. 2014.

US 117 (Future I-795) from US 70 in Goldsboro to I-40, Wayne, Duplin and Sampson Counties

Upgrade to freeway

Report completed July, 2015.

UNDERWAY:

US 70 from Johnston County Line to Proposed US 70 Goldsboro Bypass, Wayne County

Upgrade to freeway

Right of way cost estimates currently under development; Rough draft report prepared and under internal review. Final report: Fall 2015

Morehead City to Beaufort

Widening of existing US 70 causeway

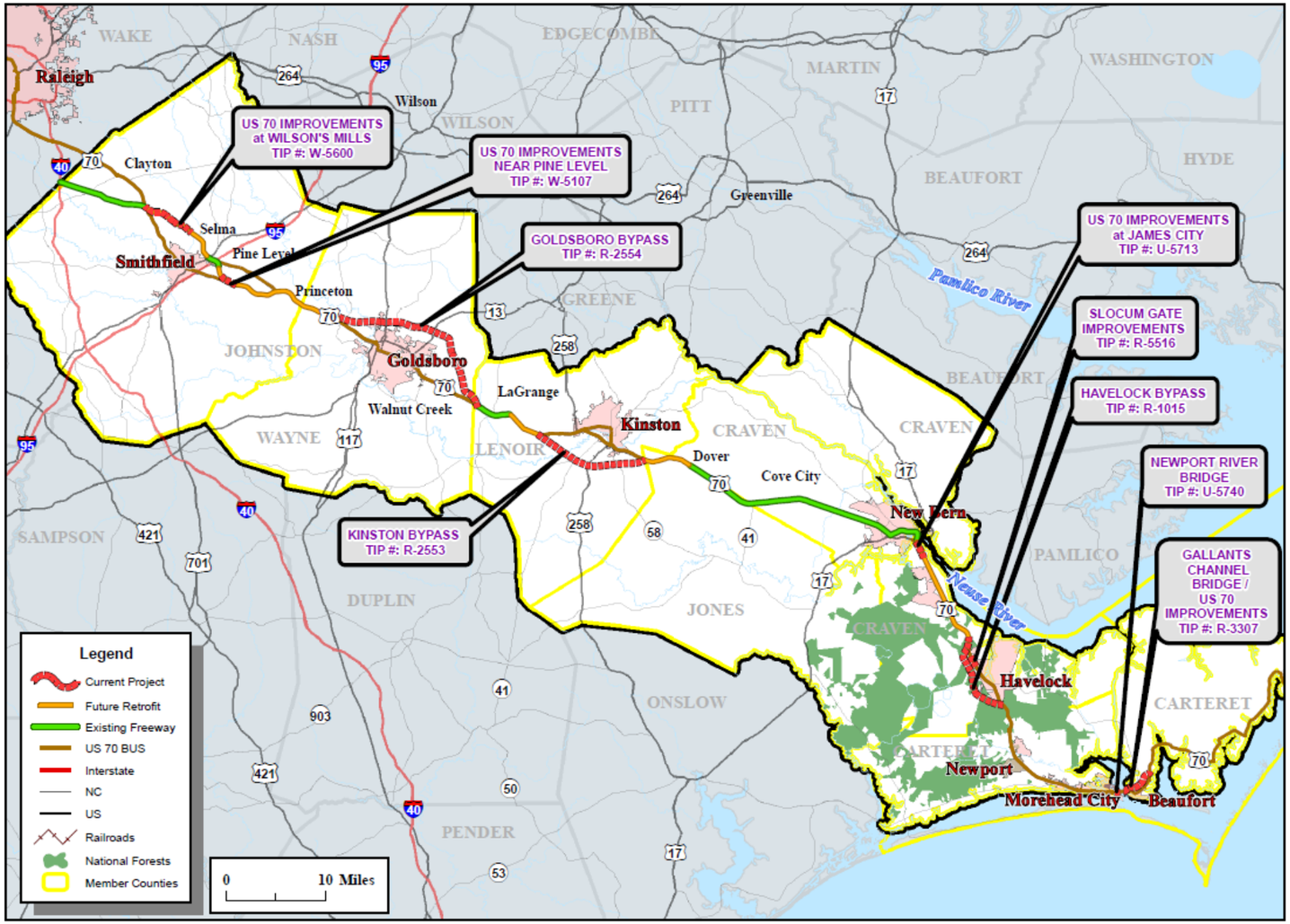
Feasibility Study underway, currently developing right of way and construction cost estimates (projected completion – Rough draft report prepared and under internal review. Final report: Fall 2015

Kinston

Conversion of existing US 70 intersection at US 258 (Queen Street) to an interchange

New Feasibility Study to begin in 2015.

NCDOT contact for Feasibility Studies: Derrick Lewis, P.E., (919) 707-4663, dlewis@ncdot.gov



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS UNIT

US 70 CORRIDOR
NC DOT PROJECT LOCATIONS

WAKE, JOHNSTON, WAYNE, LENOIR, JONES, CRAVEN, CARTERET COUNTIES

N

Date: June 2015

Figure 1